

**From:** [Turner, Philip](#)  
**To:** [Bojes, Heidi \(DSHS\)](#); [Young, Patrick](#)  
**Cc:** [Enders, Jhana](#); [Ruhl, Christopher](#); [Joseph.Haney@tceq.texas.gov](mailto:Joseph.Haney@tceq.texas.gov); [Villarreal, Chris](#)  
**Subject:** Re: Do you have a number for Heidi of the health dept?  
**Date:** Friday, January 20, 2017 10:15:33 AM

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It was my understanding from the call we had on Tuesday January 10 that the locals, with the help of your department, would make that decision. The EPA Regional Screening Level for chronic exposure to phosphine in indoor air is 0.31 ug/m3. The TCEQ REBEL is the same. Unfortunately, we have been unable to find an analytical method with detection limits low enough to accommodate that value. If the final decision for re-entry is going to be based on indoor air sampling, then collectively, we need to decide on a suitable value which we feel is protective. Other options discussed included basing the decision on time (i.e., how long is long enough to wait before everyone is confident that no gas remains).

I welcome your thoughts, and if you wish to discuss further, my cell phone number is (b) (6)

(b) (6)

Thank you!

Phil

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**From:** Bojes, Heidi (DSHS)  
**Sent:** Thursday, January 19, 2017 4:10 PM  
**To:** Young, Patrick; Turner, Philip  
**Subject:** RE: Do you have a number for Heidi of the health dept?

Phil,

What levels were determined for chronic exposure?

Heidi Bojes, PhD, MPH

Director, Environmental Epidemiology and Disease Registries Section

Texas Department of State Health Services

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**From:** Young, Patrick [mailto:[young.patrick@epa.gov](mailto:young.patrick@epa.gov)]  
**Sent:** Thursday, January 19, 2017 4:08 PM  
**To:** Bojes, Heidi (DSHS)  
**Subject:** Fwd: Do you have a number for Heidi of the health dept?

From EPA Tox. I agree

Sent from my iPhone

Begin forwarded message:

**From:** "Turner, Philip" <[Turner.Philip@epa.gov](mailto:Turner.Philip@epa.gov)>

**Date:** January 19, 2017 at 4:06:14 PM CST

**To:** "Young, Patrick" <[young.patrick@epa.gov](mailto:young.patrick@epa.gov)>

**Subject: Do you have a number for Heidi of the health dept?**

We need to see if they've had a chance to digest our dilemma of detection limits too high for chronic values & if they have any further thoughts. Jhana is wondering about a sampling plan, but TDSHS and the local were to decide on what the number would be.

Tanx!

Phil